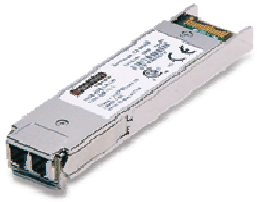
ET5302-SR

10G XFP Transceivers



Product Overview

The Edge-Core 10G XFP ET5302-SR transceiver is a high performance, cost effective module for serial optical data communications applications specified for signal rates of 9.95Gb/s to 11.1Gb/s. It is compliant with the current XFP Multi-Source Agreement(MSA) Specification. This module is designed for multi-mode fiber and operates at a nominal wavelength of 850nm. Digital diagnostics functions are available via a 2-wire serial interface, as specified in the XFP MSA. This transceiver is RoHS compliant and lead free per Directive 2002/95/EC.

Key Features and Benefits

Product Features

- Compliant to XFP MSA
- Hot-pluggable XFP footprint
- Maximum link length of 300m
- Temperature-stabilized EML transmitter
- Duplex LC connector
- RoHS-6 compliant (lead free)
- Built-in digital diagnostic functions
- Single power supply 3.3V

General Electrical Specifications

- Optical Connector:

  LC Duplex

- Link Length:

  300m

- Laser:

  Uncooled 850nm VCSEL

- Detector

  Pin diode

General Optical Specifications

- Supply Voltages:

  -0.5V and +4V

- Environmental Specifications

  Operating Temperature:

  0 ℃ ~ 70 ℃

  Power Consumption:

  1.5W maximum

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